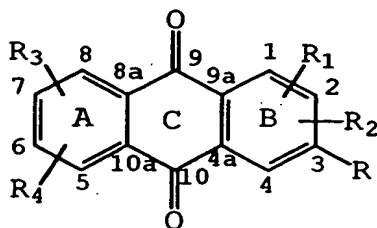


ABSTRACT

Anthraquinones are described which are antihelminthic and in particular, are useful in compositions for inhibiting *Schistosoma* sp. *in vitro* or *in vivo*. The preferred anthraquinones have the formula:



wherein R_1 , R_2 , R_3 , and R_4 are each hydrogen, hydroxy, halogen, alkyl, substituted alkyl, alkene, substituted alkene, alkyne, aryl, substituted aryl, cyclic, substituted cyclic, acid group, carbohydrate, or combination thereof, R is a group containing 1 to 12 carbons such as methyl, alkyl, substituted alkyl, aldehyde, hydroxy, hydroxymethyl, acid group, carbohydrate, or combination thereof, and the halogen is I, F, Br, or Cl.